



APPENDIX J: ROADWAY + INTERSECTION IMPROVEMENTS

The following roadways and intersections have been identified as needing operational improvements to maintain the function of the overall roadway system and accommodate growth over the life of the General Plan. The design of specific improvements such as signal timing, land configurations, etc. will be identified by Public Works as projects are programmed for funding or identified as part of a project. The table below also lists new roadways which are called out in Figure 3-1. Note that the General Plan has adopted by reference the County Active Transportation Plan as well as incorporated complete streets and corridor plans that have been accepted by the Board of Supervisors such as the Highway 9 and San Lorenzo Valley Complete Streets Plan as well as the Portola Drive Streetscape Concepts. This table does not call out all the roadways that would need improved shoulder, curb, gutter and sidewalks which are identified in the Active Transportation Plan and through County Plan Line Studies.

District	Type of Improvement	Location	Description
District 1	Corridor	Portola Dr between 41 st Ave and 26 th Ave	Study a road diet and intersection controls to maintain operations and to enhance bicycle and pedestrian safety.
District 1	Corridor	Capitola Rd	Widen from 2 lanes with a center turn lane to 4 lanes throughout. Provide left turn pockets at intersections if needed.
District 1	Intersection	Portola Dr / 30 th Ave / Samuel St	Signalize the intersection
District 1	Intersection	Portola Dr / 38 th Ave	Signalize the intersection
District 1	Intersection	Portola Dr / 41 st Ave	Signalize the intersection
District 1	Intersection	Soquel Drive / Chanticleer Avenue	New signalized intersection at Soquel Dr / Chanticleer Ave that extends north and connects to a new local east-west road that



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District	Type of Improvement	Location	Description
			connects to Thurber north (and parallel to) Soquel Dr.
District 1	Intersection	Soquel Dr/Soquel Ave	Add a dedicated right turn lane in the eastbound direction of Soquel Drive to Soquel Ave.
District 1	Intersection	Soquel Dr/41 st Ave	Add a dedicated right turn lane in the eastbound direction of Soquel Drive to 41st Ave.
District 1	Intersection	Soquel Dr/Robertson	Signalize the intersection
District 1	Intersection	Gross Rd / 40 th / Soquel Dr	Change intersection control to improve operations. Consider a short term improvement of diverter and a long term improvement of a roundabout.
District 1	Intersection	41 st Ave / Gross Rd	Improve intersection controls, intersection geometry and interchange capacity in coordination with the City of Capitola, Caltrans and the SCCRTC to improve traffic operations as well as bicycle and pedestrian safety.
District 1	Intersection / New Roadway	Thurber Lane	Close Thurber Lane to through traffic or make it a right in/right out only and extend Thurber Ln to south of Soquel Dr to reduce the number of intersection signals in short proximity with each other. May require changes at Commercial Way / Soquel Dr as well.
District 1	New Roadway	Extend Kinsley St between El Dorado Ave	Create new local roadway connection to create a grid street



District	Type of Improvement	Location	Description
		and 17th Ave north of rail-trail	pattern for walkability and to improve connectivity.
District 1	New Roadway	Between Soquel Drive and Highway 1	Add a new north-south roadway from Soquel Drive on the west side of the Flea Market site to accommodate future development and more connectivity.
District 1	New Roadway	Between Mattison Lane and new roadway	Add a new east-west roadway along the south side of the Flea Market site connecting Mattison Lane the new roadway on the west side of the Flea Market site to accommodate future development and more connectivity.
District 1	New Roadway	Between 17 th Avenue and Chanticleer Avenue	Add a new east-west connection between 17th Ave and Chanticleer Ave that also connects to new Thurber extension and the new roadway on the west side of the Flea Market site to accommodate future development and more connectivity.
District 1	New Roadway	Between Chanticleer Avenue and Mattison Lane	New local roadway to connect to Chanticleer Ave on the west and Mattison Lane on the east to improve connectivity.
District 1	New Roadway	Between 17 th Avenue and Chanticleer Avenue	New local roadway connecting 17th Ave and Chanticleer Ave just south of Staples to create shorter blocks and more connectivity.
District 1	New Roadway	Bostwick Lane Between Paul Minnie Ave and 7 th Ave	Extend Bostwick Lane to Paul Minnie to improve connectivity.



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District	Type of Improvement	Location	Description
District 1	New Roadway	Between El Dorado Avenue and 17 th Avenue	Connect El Dorado Ave to 17th Ave north of rail-trail with new local roadway and add connection in northeast quadrant of block to improve connectivity.
District 1	New Roadway	Between 17 th Avenue and Paget Avenue	Connect 17th Ave and Paget Ave south of rail corridor with new local roadway to improve connectivity.
District 1	New Roadway	Cory St between 41 st Avenue and Rodeo Gulch Road	Extend Cory St for more walkable, smaller, and more connected blocks.
District 1	New Roadway	Cordelia Ln between 41 st Avenue and Rodeo Gulch Road	Extend Cordelia Ln for more walkable, smaller, and more connected blocks.
District 1	New Roadway	Between New North-South Roadway and 41 st Ave	Create new roadway north of Cordelia Ln for more walkable, smaller, and more connected blocks.
District 1	New Roadway	Between Soquel Dr and Cory St	Create new roadway for more walkable, smaller, and more connected blocks.
District 1	New Roadway	O'Neill Ranch Rd between Soquel Dr and Soquel San Jose Rd	Create more connectivity and a new connection between upper 41 st and Soquel Village.
District 1	Corridor Intersections	/ Portola Drive	Landscape, streetscape, parking and active transportation improvements per the Portola Drive
District 1, District 2	Corridor	Soquel Drive and Soquel Avenue	Improvements to address vehicle flow and operational breakdowns as new development occurs along the corridor. Work with Santa Cruz METRO Transit District to



District	Type of Improvement	Location	Description
			incorporate BRT and other transit serving elements as improvements are made on the corridor.
District 2	Corridor	Rio Del Mar between Rio Del Mar Overpass and Soquel Dr	Signalization, roadway, and safety improvements.
District 2	Corridor	State Park Dr between Center and Soquel Dr	Widen to 4 through lanes to improve operations.
District 2	Intersection	Rio Del Mar / Clubhouse Dr	Reconstruct intersection.
District 2	New Roadway	Between Mar Vista Dr and State Park Dr	New frontage road between Mar Vista Dr and State Park Dr on north side of Highway 1 to improve connectivity.
District 2	New Roadway	Between Soquel Dr and new frontage roadway	Add a new road connecting from new frontage to Soquel Dr parallel with State Park Dr to improve connectivity.
District 2	Corridor / Intersections	Aptos Village	Operational improvements in Aptos Village including new signals, rail crossing, bicycle and pedestrian enhancements.
District 2	Corridor / Intersections	Seacliff Village	Landscape, streetscape, parking and active transportation improvements per the Seacliff Village Plan
District 2, District 4	Corridor	Green Valley Rd between Amesti Rd and Arroyo Dr	Consider adding center turn lane as identified in previous General Plan only if it does not interfere with improvements as identified in the



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District	Type of Improvement	Location	Description
			Active Transportation Plan for bicycle and pedestrian safety.
District 2, District 4	Corridor	Green Valley Rd between Airport Blvd/Holohan Rd and Amesti Rd	Consider widening to 4 lanes only if it does not interfere with improvements as identified in the Active Transportation Plan for bicycle and pedestrian safety.
District 3	Intersection	Soquel Dr/Soquel Ave	Work with the City of Santa Cruz to add a dedicated right turn lane in the eastbound direction of Soquel Drive to Soquel Ave.
District 4	Intersection	Holohan / Hwy 152	Construct operational and school safety improvements at the intersection of Holohan Road at Highway 152 including: adding a left turn lane, a dedicated right turn lane, and extending existing lanes on the Holohan Road approach, adding a merge lane to Hwy 152 westbound to accommodate the additional left turn lane and pedestrian and bicycle improvements.
District 4	Corridor / Intersections	Pajaro River Levee	Pajaro River Flood Risk Reduction Project: Reduce flood risks to the surrounding roadway system and community by reconstructing the levees.
Multiple	Intersections	Countywide	Studies to consider operational improvements for roundabouts, signalization, and/or other geometric improvements.



District	Type of Improvement	Location	Description
Multiple	Corridor Intersections /	Countywide	Bridge rehab and replacements to maintain operational capacity of the roadway system.
Multiple	Corridor Intersections /	Countywide	Maintenance and operational enhancements including but not limited to pothole repair, lighting, flooding protection, guardrails, striping, overlays. Operational roadway maintenance and improvements for roadway safety throughout the county.
Multiple	Corridor Intersections /	Countywide	Implement the projects in the Active Transportation Plan to improve safety, mobility, and access for all users of the roadway system.
Multiple	Coastal Access Parks /	Countywide	Projects to repair, maintain and provide new access to the County's coastal resources and parks.
Multiple	Corridor Intersections /	Countywide	Projects to improve storm water drainage to prevent future flooding and coastal erosion, in particular Rio Del Mar, East Cliff and Highway 9 and other transportation and community assets.